MINISTRY OF SUPPLY - DLRD/RRE

VALVE ELECTRONIC (V2413

Specification MOS/CV 2413	SECURITY	
Issue 2 Dated 20th July 1959	Specification	<u>Valve</u>
To be read on conjunction with K1001	UNCLASSIFIED	UNCLASSIFIED

Indicates a change ←

1114244000 4 4					
TYPE OF VALVE - Silicon Junction Diode			MARKING CV Number Polarity markings and where practicable Factory and date code See K1001/4		
Max. Reverse Working Voltage (V) Max. Dissipation at temperature up to 75°C (mW) Max. Dissipation at 100°C (mW) Max. Forward D.C. Current at 25°C (mA) Max. Forward D.C. Current at 25°C (mA) Max. rectified A.C. Current at 25°C (mA) Max. rectified A.C. Current at 100°C (mA) Max. rectified A.C. Current at 100°C (mA) Max. reverse current at 25°C (mA) Max. reverse current at 25°C (mA) Max. reverse current at 100°C (uA) Max. Ambient Temperature rating -40°C to + 150°C	Not 120 150 100 100 60 80 45 0.1	A A B B C	DIMENSIONS See specification CV4074 MOUNTING POSITION Any		
CAPACITANCE (pF) Cak (max)	5				

NOTES

- A. Mean rectified current from 50 c/s A.C. 120 volt peak into a resistive or inductive load.
- B. Applied voltage 120V
- C. At ambient temperatures in excess of 75°C the ratings for dissipation, forward D.C. current and rectified A.C. current decrease linearly with temperature, reducing to zero in each case at an ambient of 150°C.

TESTS

For all purposes the tests specified in the current specification MOS/CV4074 shall apply.